

Attorney's Docket No.: 10454-016001  
Client's Ref. No.: P4361

**OFFICIAL COMMUNICATION**  
**FACSIMILE**  
**FOR THE PERSONAL ATTENTION OF:**  
**EXAMINER CAROLYN SMITH**

**FAX RECEIVED**

**JUL 21 2003**

**GROUP 1600**

**OFFICIAL**

**GROUP 1631 FAX NO: (703) 872-9306**

**Number of pages including this page 30**

**Applicant : Lincoln et al.**  
**Serial No. : 09/855,458**  
**Filed : May 15, 2001**

**Art Unit : 1631**  
**Examiner : Carolyn Smith**

**Title : Modeling Biological Systems**

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**Dear Ms. Smith:**

Attached to this facsimile communication cover sheet is a **Reply to Action** dated **March 25, 2003**, faxed this 18<sup>th</sup> day of July, 2003, to Group 1631, the United States Patent and Trademark Office.

Respectfully submitted,



**David L. Feigenbaum**  
**Reg. No. 30,378**

**Date: July 18, 2003**

**Fish & Richardson P.C.**  
**225 Franklin Street**  
**Boston, MA 02110-2804**  
**Telephone: (617) 542-5070**  
**Fax: (617) 542-8906**  
**20692477.doc**

**NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at (617) 542-5070 to arrange for its return. Thank you.**

Attorney's Docket No.: 10454-016001 / P4361

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lincoln et al.  
Serial No. : 09/855,458  
Filed : May 15, 2001  
Title : MODELING BIOLOGICAL SYSTEMS

Art Unit : 1631  
Examiner : Carolyn Smith

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#131a  
Plunkett  
7/24/03

REPLY TO ACTION DATED MARCH 25, 2003

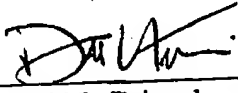
In reply to the action dated March 25, 2003, please amend the application as indicated on the following pages. Applicant asks that all claims be allowed in view of the amendment to the claims and remarks contained on the following pages. This reply includes a total of 28 pages.

Enclosed is a Petition for Extension of Time. Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 10454-016001.

Respectfully submitted,

Date: \_\_\_\_\_

7/18/03

  
David L. Feigenbaum  
Reg. No. 30,378

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

20666593.doc

FC:2251

55.00 DA

07/29/2003 TPLUNKET 00000002 061050 09055458

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

July 18, 2003

Date of Transmission

Signature

Cassandra Beepot

Cassandra Beepot

Typed or Printed Name of Person Signing Certificate